```
M. Rivera-Mindt - Recross/Trowel
                                                                  235
               MS. DOLAN:
                           Nothing further.
1
 2
                   THE COURT: Your witness.
 3
               MR. TROWEL: Very briefly, your Honor. Thank you.
 4
    RECROSS-EXAMINATION
    BY MR. TROWEL:
 5
         Dr. Rivera-Mindt, I'm showing you what has been --
 6
 7
    withdrawn.
8
                   I'm showing you what has been admitted as
    Defense Exhibit 1.
9
10
                   Is this a copy of Dr. Brauman's report, Dr.
    Brauman at the MCC?
11
12
    Α
          I believe so, yes.
13
    Q
         And you reviewed this report, correct?
14
         Yes.
    Α
          I'm turning to page 13. This is the final page of the
15
16
    report.
17
                   Is this the page that has Dr. Brauman's
18
    diagnosis?
19
    Α
         Yes.
20
         What was her diagnosis?
    Q
21
    Α
         I will read from my copy.
22
                 It is in subparagraph one.
    Q
         Regarding the issue of mental disease or defect,
23
    Α
24
    Mr. Bumagin currently meets the criteria for dementia not
25
    otherwise specified.
```

M. Rivera-Mindt - Recross/Trowel 236 Did Dr. Brauman diagnose the defendant with Alzheimer's, 1 Q 2 yes or no, please? 3 Α No. 4 I'm showing you what has been marked for identification, but not admitted, as Government Exhibit 1. 5 6 Is this a copy of Dr. Grant's report? 7 Yes. Α 8 Q And did you review this report? 9 Α I did. 10 Q I'm turning to page --11 THE COURT: Why are you referring to a document that 12 the court expressly kept out of evidence? What are you doing? 13 MR. TROWEL: She testified about the contents a 14 moment ago, your Honor. 15 THE COURT: No, you are not going to do it by putting in a report that I kept out. 16 BY MR. TROWEL: 17 18 Q Did Dr. Grant diagnose the defendant with Alzheimer's, if 19 you recall? 20 Α No. 21 So, Dr. Brauman -- do you recall what Dr. Grant's 22 diagnosis was? 23 THE COURT: The question is: Do you recall it, without referring to any document? 24 25 Do you recall what the diagnosis was, yes or

M. Rivera-Mindt - Recross/Trowel 237 no? 1 2 THE WITNESS: Yes. What was it? 3 Q 4 Α In part I do, and there was mention of a possible diagnosis of dementia, but it wasn't confirmed. 5 So, is it fair to say that neither Dr. Brauman, nor Dr. 6 Q Grant, diagnosed the defendant with Alzheimer's? 7 Correct. 8 9 And you, in fact, did not diagnose the defendant with 10 Alzheimer's either, correct? 11 Correct. 12 You testified on direct, and also on redirect, that you 13 believed that it would be unethical for the defendant to stand 14 trial; is that correct? 15 Α Correct. 16 Are you an ethicist? () 17 Α No. 18 Q Are you an expert in judicial ethics? 19 Α No. 20 Q Are you an expert in legal ethics? 21 Α No. 22 What is the basis for your opinion? Q 23 Α Based on my understanding of the level of cognitive 24 impairment that he has, and --25 Q Is that an ethical opinion?

	M. Rivera-Mindt - Recross/Trowel 238
1	THE COURT: Have you finished your answer?
2	THE WITNESS: No.
3	THE COURT: Why don't you allow the witness to
4	finish the answer, rather than interrupting the answer.
5	Why don't you read the question and answer
6	back.
7	THE COURT REPORTER: Yes, your Honor.
8	(The previous question and answer are read back.)
9	THE WITNESS: And the likely complexity
10	required to be part of the trial.
11	Q So is that a competency evaluation or an ethical
12	evaluation?
13	THE COURT: You were asked the question about
14	your ethical view, right?
15	THE WITNESS: Yes.
16	THE COURT: You gave the answer to the question?
17	THE WITNESS: I did.
18	THE COURT: Okay, that's fine. I'm the expert on
19	ethics. Let's go on.
20	MR. TROWEL: Nothing further, your Honor.
21	MS. DOLAN: Nothing further.
22	THE COURT: Doctor, you may step down.
23	THE WITNESS: Thank you.
24	THE COURT: Please call your next witness.
25	MS. DOLAN: The defense rests.

```
T. Pennuto - Direct/Trowel
                                                                 239
1
              THE COURT:
                          The government wish to call a witness?
 2
              MR. TROWEL: Yes, your Honor. The government calls
 3
    Dr. Tracy Pennuto.
 4
    TRACY
                  PENNUTO,
              called as a witness, having been first duly
5
         sworn, testifies as follows:
 6
 7
                          Doctor, please state your name clearly
              THE COURT:
8
    into the microphone.
                          If you state it clearly, you will sound
9
    like this (indicating.) If you don't, you will sound like
10
    this (indicating), and spell it for the reporter, and then
11
    counsel will inquire.
12
              THE WITNESS: Dr. Tracy O'Connor Pennuto, T-r-a-c-y,
13
    O'C-o-n-n-o-r, P-e-n-n-u-t-o.
14
                   MR. TROWEL: May I proceed, your Honor?
                   THE COURT: You may.
15
16
              MR. TROWEL:
                           Thank you.
    DIRECT EXAMINATION
17
18
    BY MR. TROWEL:
19
    Q
         Dr. Pennuto, where are you employed?
20
         I'm employed at FMC Butner.
    Α
21
    Q
         What does FMC stand for?
22
    Α
         Federal Medical Center.
23
    Q
         What is your title at FMC Butner?
24
    Α
         Staff Neuropsychologist.
25
    Q
         Briefly, what are your responsibilities at FMC Butner?
```

T. Pennuto - Direct/Trowel 240 Seventy-five percent of my job duties entail providing 1 2 neuropsychological consultation, and 25 percent of my job 3 duties entail supervision of mental health services for the 4 general population. Q Can you just briefly describe -- withdrawn. 5 6 In the course of your employment at Butner, 7 have you participated in evaluations to determine if an inmate 8 can be restored to competency? 9 Α I have. 10 Q Approximately how many have you participated in? 11 Α Approximately 150. 12 Q What was your role in those evaluations? 13 Α I provided neuropsychological consultation. 14 Q Did you do that in each of those approximately 150 exams? 15 Α Yes. 16 Have you been qualified as an expert in federal courts 17 previously? 18 Α Yes, I have. 19 Q How many times? 20 Nine times. Α 21 Q In what courts, if you know? 22 Α Alabama, Arizona, Utah, D.C. 23 Q Always in federal courts? 24 Α Yes.

What was the purpose of that testimony, when you

25

Q

T. Pennuto - Direct/Trowel 241 1 qualified as an expert? 2 To provide my opinion regarding the neuropsychological 3 assessments. 4 Q With respect to competency evaluation or restoration evaluation? 5 Yes. 6 Α 7 Are you licensed? Q I'm licensed in North Carolina. 8 Α 9 Q Did there come a time when you participated in an 10 evaluation of the defendant Semyon Bumagin to determine if he 11 could be restored to competency? 12 Α Yes. 13 Could you describe, generally, what your role was with Q 14 respect to Mr. Bumagin's evaluation? 15 I was brought in as a consultant to provide Α Yes. neuropsychological assessment. 16 Q What does that mean? 17 18 Α That means there were questions about his cognitive 19 abilities, so I was brought in to evaluate them. 20 Q How do you do that? 21 I do testing to assess his cognition, his thinking 22 skills, and his cognitive abilities. 23 Q In your role as a neuropsychologist participating in a 24 restoration evaluation, do you do anything differently than

you would do in a competency evaluation?

i	
	T. Pennuto - Voir Dire/Dolan 242
1	A No.
2	Q Showing you what has been marked for identification as
3	Government's Exhibit 1-A.
4	Do recognize that?
5	A I do.
6	Q What is that?
7	A That's the Butner neuropsychological report.
8	Q Is this the report that contains your analysis of the
9	defendant Mr. Bumagin?
10	A It is.
11	MR. TROWEL: The Government moves to admit
12	Government Exhibit 1-A into evidence.
13	MS. DOLAN: May I have a brief voir dire on this,
14	your Honor?
15	THE COURT: Sure.
16	VOIR DIRE
17	BY MS. DOLAN:
18	Q Ms. Pennuto, what sources did you rely upon to generate
19	this report?
20	A I'm not sure I understand your question.
21	Q What did you rely on to generate this report?
22	A What sources meaning what collateral information?
23	Q Well, you asked me to repeat the question, so I did, and
24	I rephrased it and I left out sources. I'm asking you what
25	you relied on to generate this report?

T. Pennuto - Voir Dire/Dolan 243 1 Α I'm not sure I understand your question. 2 What did you use to generate this report? 3 THE COURT: You really got to be kidding the court. 4 You don't understand, when she says what sources did you rely 5 upon to generate a report, you are telling this court that you 6 don't understand that question, when you have been an expert 7 in federal court? 8 When a lawyer asks you what did you rely on, 9 what sources did you rely upon to generate a report, you can't 10 answer that question? Are you really telling me that? 11 THE WITNESS: Your Honor --12 THE COURT: Are you really telling me you can't tell 13 her what you relied upon? Because if you are telling me that 14 now, I will not let you testify as an expert. 15 So let's try it again. I will ask you, what 16 sources did you rely upon in generating this report? Can you 17 answer my question? Because if you can't, you can go sit down 18 out there. 19 THE WITNESS: Your Honor, the sources -- the collateral sources that I relied upon would be medical 20 21 records, prior neuropsychological evaluations, his medical --22 THE COURT: I knew you can do it. Keep going. 23 other sources did you rely upon? What other sources, however 24 defined, collateral, incollateral, direct, indirect. What 25 sources did you rely upon in generating the report?

```
T. Pennuto - Voir Dire/Dolan
                                                                 244
               THE WITNESS: My clinical interview with Mr.
 1
 2
    Bumagin.
 3
                   THE COURT: What else?
 4
                   THE WITNESS: All of the testings that I
    participated in with Mr. Bumagin.
 5
                   THE COURT: What else?
 6
7
                   THE WITNESS: Interaction with staff.
8
               THE COURT: What else?
9
               THE WITNESS: That may be all of them.
10
               THE COURT:
                           Okay.
    BY MS. DOLAN:
11
12
         Did you rely on any information or reports from Dr.
13
    Grant?
14
    Α
         No.
         Did you speak to Dr. Grant about this individual, before
15
    ()
    you generated this report?
16
17
    Α
         Yes.
18
    Q
         Did Dr. Grant provide you any information about this
    individual at that time?
19
20
         She provided -- yes, she did.
    Α
21
    ()
         What information did she provide you?
22
         She provided me with some medical records, and her
23
    concerns about his cognition. She provided me with the two
24
    prior neuropsychological evaluations -- the one prior
25
    neuropsychological evaluation, and the one prior forensic
```

T. Pennuto - Voir Dire/Dolan 245 evaluation. 1 2 And what were her concerns? 3 Her concerns were that he had -- the prior evaluations 4 had mentioned rule out or a diagnosis of dementia, so she was concerned about the potential that he may have cognitive 5 impairments. 6 7 And did she discuss the nature of her concerns any 8 further? 9 I don't recall. Did she -- you said you discussed the staff's 10 Q 11 interactions with Mr. Bumagin in generating this report? 12 Α Yes. 13 Q And that includes Dr. Grant? 14 Α Yes. And so Dr. Grant provided you information about her 15 interactions with Mr. Bumagin, and you used that information 16 17 to generate this report? 18 Α Potentially, I don't remember. 19 Did Dr. Grant tell you that she had spoken to 20 Mr. Bumagin? 21 Α Sure. 22 Did she tell you that she had administered a competency 23 questionnaire? 24 Α I don't recall. 25 Q Did she provide you with that competency questionnaire?

	T. Pennuto - Voir Dire/Dolan 246
1	A She did not.
2	Q Did she discuss do you recall whether she discussed
3	that competency questionnaire, or anything relating to it with
4	you?
5	A I don't recall.
6	Q Did she discuss the charges of the case?
7	A I knew what his charges were.
8	Q Did she discuss that with Dr. Grant?
9	A I believe she did tell me what his charges were.
10	Q Did you discuss any statements that Mr. Bumagin made
11	about his case with Dr. Grant?
12	A No.
13	Q Did Dr. Grant provide you any notes about any
14	conversations that she had with Mr. Bumagin about his case?
15	A No.
16	Q Would those have been part of the medical records?
17	A Potentially?
18	THE COURT: In the ordinary course, would the
19	notes be part of the medical records, if there were notes
20	generated, in the ordinary course, in your experience?
21	THE WITNESS: Sometimes, yes, your Honor.
22	THE COURT: Go ahead.
23	BY MS. DOLAN:
24	Q Can you describe the process what exactly do you
25	review? Do you review a file?

T. Pennuto - Voir Dire/Dolan 247 I am provided with information, which I compile into a 1 2 file. 3 Q And here Dr. Grant referred this particular client to 4 you, correct? Correct. 5 Α Q And did she provide you with a file? 6 7 Α No. 8 Q Who provided you with a file? 9 Α I was not provided with a file. I was provided with 10 specific pieces of information, which I then made my own file. And did you review the file otherwise? 11 Q 12 Α No. 13 Q But you don't recall specifically whether the 14 questionnaire or anything regarding it was within the file? 15 I know the questionnaire was not in the file. Α No. only requested information that was relevant to his cognitive 16 17 functioning. I did not take part in the competency 18 evaluation. 19 Didn't you say earlier that you didn't recall whether 20 that information or anything relating to it was in the file? 21 I don't believe I said that. Α 22 Well, did you say earlier that sometimes that information would be in the file? 23 24 Α I don't recall.

MS. DOLAN:

Your Honor, I'm going to make an

T. Pennuto - Direct/Trowel 248 objection based on this witness' inability to completely 1 2 exclude the tainted portions of the Grant evaluation. The objection is sustained. 3 THE COURT: 4 document does not come in. Proceed with your examination. The document is out. 5 DIRECT EXAMINATION (Cont'd.) 6 7 BY MR. TROWEL: 8 THE COURT: The document is out. Take it off the 9 elmo. Out means out. 10 Q Now, Dr. Pennuto, over the course of the evaluation that 11 you did of Mr. Bumagin, did you meet with him? 12 Α I did. 13 Q How many times? 14 Three times. Α For how long? 15 Q Approximately three and a half hours. 16 Α 17 Q Could you describe his demeanor, when you interacted with 18 him? 19 When I met with him, I always went to escort him 20 from his unit to the testing room and he was quite gregarious 21 and boisterous. He was greeted in the hallway by other 22 They called him, hey, Russian, and he would say, 23 He was have talkative in his interactions with me, very 24 polite and cooperative, at times irritable when some of the 25 tests were difficult, but cooperative with the evaluation.

T. Pennuto - Direct/Trowel 249 1 Q In the course of the testing you did, were you also 2 working with an intern? 3 Α I was. 4 () Who was that? Dr. Correa. 5 Α Q Do you know how often she met with the defendant? 6 7 She met with him twice. Α Q What was your role with respect to Dr. Correa, if any? 8 9 Α I supervised her administration of her psychological 10 testing. 11 Q What does that mean, generally? 12 That means I met with her in advance to determine what 13 tests she was competent to give. And then after she had 14 administered those tests, I met with her again to oversee the scoring and interpretation of those tests. 15 Were you present when Dr. Correa administered the tests 16 to the defendant? 17 18 Α No, I was not. 19 Q Why not? 20 Because there's literature that shows that there are 21 third-party effects, if there's a third person in the room 22 with the testing. That can negatively impact the person's 23 performance on the test. 24 When you administered the test yourself, was there anyone 25 else in the room, other than Mr. Bumagin?

T. Pennuto - Direct/Trowel

- 1 A No, there was not.
- 2 Q Approximately how many tests did you and Dr. Correa
- 3 | perform on the defendant?
- 4 A I believe 15.
- 5 Q And what generally were the tests intended to measure?
- 6 A It was a comprehensive test battery designed to test
- 7 executive function, language, facial skills, intellect,
- 8 effort.
- 9 Q Did you also -- and you did test for effort, you said?
- 10 A I did test for effort.
- 11 | Q With respect to the memory tests, how did Mr. Bumagin
- 12 perform?
- 13 A Generally, he performed poorly.
- 14 | Q Was there anything notable about the way he performed on
- 15 | those tests or how he undertook them?
- 16 A He was quick to give up during the memory tests. Rather
- 17 | than persevering in what seemed to be trying hard, he would
- 18 | answer immediately and then quickly give up.
- 19 Q Was that significant to you?
- 20 A Yes. It indicated that he may not be putting forth good
- 21 effort.
- 22 | Q In your experience working with Mr. Bumagin, did you see
- 23 that he behaved inconsistently, depending on who he was with?
- 24 | A I did.
- 25 Q Could you describe that a little bit for us?

T. Pennuto - Direct/Trowel 251 When he met with me, he was not able to give me 1 Sure. 2 the correct date. He incorrectly stated his age. So there was some disorientation about him. When he met with Dr. 3 4 Correa, he was fully oriented. 5 MS. DOLAN: Objection. THE COURT: Overruled. 6 7 Fully oriented, was able to give the correct date, his Α 8 age, date of birth, all of the relevant information. But then 9 later that same day when he was involved with group testing, 10 he presented as confused and wandering, and needing direction. 11 So there was quite a range of his behavior presentation. 12 Q What, if anything, did that indicate to you? 13 It indicated inconsistency in his presentation, which was Α 14 consistent with the inconsistency that was in his testing as well. 15 16 Q Why is inconsistency relevant, or is it relevant? 17 Α It is relevant. 18 Q Why? 19 Inconsistency indicates that he was not consistently giving good effort, and that can impact the testing. 20 21 Was his inconsistent behavior with employees at Butner, 22 could it have been consistent with the medical condition?

A It could have, but that's unlikely, because Mr. Bumagin was very vocal about his medical needs, and always sought out help when it was needed. And also because he likely would

23

24

T. Pennuto - Direct/Trowel 252 have demonstrated other symptoms that would have indicated 1 2 that he was having medical issues. 3 Q Did you see other symptoms that were consistent with a 4 medical condition? Α I did not. 5 Could the inconsistent behavior have been -- withdrawn. 6 Q 7 Could it have been consistent with dementia? 8 It could been consistent with some forms of dementia. Α 9 Q Which forms of dementia? 10 More like a frontal temporal dementia, has a confusional Α 11 state, but the type of dementia that has been suspected for 12 Mr. Bumagin, an Alzheimer's type of dementia, which does not 13 typically present with that confusional state in which he 14 would present so differently within a couple of hours. Q As a neuropsychologist and clinical psychologist and 15 16 correctional psychologist, was his inconsistent behavior manipulative? 17 18 Α Yes. 19 What does that mean to you? 20 That means that Mr. Bumagin was very invested in showing 21 that he had memory impairment. And so it seems as though he 22 would be exaggerating with the impairments from the testing, which was evident in the inconsistencies in the test results, 23 24 but also it seemed apparent in his behavioral presentation as

well.

T. Pennuto - Direct/Trowel 253 1 Q Now, you mentioned that you conducted tests of the 2 defendant's effort; is that correct? 3 Α That's correct. 4 () Why did you do that? It's important to assess someone's effort to ensure that 5 Α the test results are valid. 6 Can you explain that, why are those two linked? 7 () If someone is not putting forth their best effort during 8 9 a test evaluation, then the test results do not reflect the 10 optimal abilities, which means that the test results would 11 then likely underestimate their actual abilities. 12 What did you find with respect to Mr. Bumagin, the test 13 that you did on his effort? 14 Α The test results were inconsistent. What do you mean by that? 15 Q He passed, if you will, some of the effort tests; 16 whereas, as other effort tests he did not. 17 18 Q When you say passed, do you mean he showed sufficient effort? 19 20 Α Yes. 21 And when you say on other tests he did not, what do you 22 mean by that? 23 Α That means he scored below the cutoff, which would 24 indicate that he was getting good effort.

FREDERICK GUERINO, CSR Official Court Reporter

When you say cutoff, who establishes that?

25

Q

T. Pennuto - Direct/Trowel 254 1 Α The test publishers. 2 Is that part of the test itself, part of the instructions 3 for administering the test, or how do you learn -- withdrawn. 4 How do you learn of the cutoff? For standardized tests, the cutoff is in the manual. 5 Α other effort entities that are derived from traditional 6 measures, those are found in the research literature. 7 8 What was your conclusion, if any, with respect to these 9 tests -- withdrawn. 10 What was your conclusion, if any, about Mr. Bumagin's effort? 11 12 My conclusion was that Mr. Bumagin's effort was 13 inconsistent. 14 () What did that in turn mean to you, if anything? 15 That means that he was not consistently giving good 16 effort throughout the testing evaluation. So that means that the test results likely don't reflect his optimal abilities, 17 18 which means that the test results underestimated what he was 19 actually able to do. 20 Q Did you administer to Mr. Bumagin the WMS-IV Test? 21 Α I did. 22 What is that? Q 23 Α That's the Wechsler Memory Scale --24 THE COURT: Would you spell that for the 25 reporter, please.

T. Pennuto - Direct/Trowel 255 THE WITNESS: W-e-c-h-s-l-e-r Test. 1 2 Q You were referring to the WMS-IV Test, correct? 3 Α Yes. 4 () What does that test measure? That is a memory test, and the specific subtest that I 5 Α 6 administered are called the Logical Memory Subtests. 7 Q Did you, yourself, administer this test to Mr. Bumagin? I did. 8 Α 9 Q Sorry to interrupt. 10 And the subtests, I will read a short story to Α 11 Mr. Bumagin and ask him to repeat back as much of the story as 12 he can recall, and there are two stories. 13 Q And what was the result of the tests? 14 Well, the results showed poor. He showed impairment. Не performed poorly. 15 16 In what way? He was unable to give back very much of the information 17 18 immediately or after a delay. 19 Q And what was his score on the test, if you recall --20 withdrawn. 21 Were the test results significant to you? 22 Α Yes. 23 Q Why? 24 Α Because after the immediate and the delayed recall, there 25 is a recognition subtest in which 30 questions are read to

T. Pennuto - Direct/Trowel 256 1 Mr. Bumagin, and they are yes/no questions. He was only able 2 to get ten out of those 30 correct. 3 Q And what, if anything, did that mean to you? 4 Well, because they are yes/no questions, that means that someone who had never even heard the stories at all could 5 6 quess and get 50 percent of them correct. So we would expect at least 15 out of the 30 correct, and he was only able to get 7 8 ten out of the 30. 9 But what was more important than that is that 10 on the second set of questions, the last 15 which dealt with 11 the second story that I read to him, he only got three out of 12 the 15 correct. It's statistically very improbable that 13 someone would only get three out of the 15 just from guessing. 14 Q What, if anything, does that mean to you? Well, that means to me that he correctly knew the correct 15 16 answers and purposely chose the wrong ones to exaggerate his 17 cognitive ability. 18 Q What, if anything, does that tell you about his cognitive 19 ability? 20 That tells me that he has a cognitive wherewithal to 21 think in his best interest, and to try and feign. That showed 22 that there was a purposeful and intentionality to his 23 exaggeration. 24

MS. DOLAN: I am going to move to strike that as too speculative.

T. Pennuto - Direct/Trowel 257 THE COURT: Overruled. 1 2 BY MR. TROWEL: 3 Q Did you find that Mr. Bumagin's performance on the test 4 was consistent with known patterns of brain dysfunction? Α No. 5 Q Can you explain that? 6 7 On that test in particular or --Α 8 Q Or just even in general? 9 Well, there were other memory tests in which there were 10 several trials, which means that I would present him with the 11 information more than once to see how much he could improve 12 with repetition, and there were times where the first trial he 13 would get several bits of information correct, then on the 14 second trial he couldn't remember any of it at all. were other instances like that where his pattern of 15 16 performance would be inconsistent with what we know about how the brain functions. 17 18 Q What, if anything, did that tell you? 19 Again, that he was likely exaggerating. 20 Q Did you find that Mr. Bumagin had memory or other 21 cognitive deficits? 22 Α In what way? 23 Q Did you find that he had cognitive deficits? 24 I believe that it's possible that he may have cognitive 25 deficits, yes.

T. Pennuto - Direct/Trowel 258 Why would you say it is possible? 1 Q 2 Because he didn't give good effort on the tests, and the 3 inconsistency of his efforts limits the interpretation I can 4 make from those results. Now, in the course of your analysis, did you review the 5 Q 6 evaluation completed by Dr. Brauman? 7 I did. Α 8 And did she do some effort testing on the defendant as we11? 9 10 Α She did. Were your test results consistent with hers? 11 Q 12 Α Yes. 13 What does that mean, generally? When you say that they Q 14 were consistent, what do you mean? 15 Her test results found that he was also giving Α 16 inconsistent effort at MCC New York, just as he did at Butner. Did you also review an analysis completed by Dr. 17 18 Rivera-Mindt? 19 Α I did. 20 What kind of testing did Dr. Rivera-Mindt conduct? Q 21 She conducted a comprehensive neuropsychological 22 evaluation. 23 Q And prior to today's hearing, did you exchange raw data 24 with Dr. Rivera-Mindt?

FREDERICK GUERINO, CSR Official Court Reporter

25

Α

I did.

T. Pennuto - Direct/Trowel 259

- 1 Q Could you just describe generally what raw data means for
- 2 | a neuropsychologist?
- 3 A Sure. Raw data means the actual test protocol with the
- 4 questions and the answers that were obtained.
- 5 Q Is the competency questionnaire that was discussed during
- 6 the previous witness, is that part of your raw data?
- 7 A No, it is not.
- 8 Q Did you administer that questionnaire?
- 9 A No, I did not.
- 10 Q So, you reviewed Dr. Rivera-Mindt's raw data and she also
- 11 | had yours for review; is that correct?
- 12 A That's correct.
- 13 Q Did Dr. Rivera-Mindt's test the defendant's effort?
- 14 A She did.
- 15 Q After reviewing Dr. Rivera-Mindt's raw data, did you
- 16 determine whether your test results were consistent with hers?
- 17 A They seemed to be, yes.
- 18 Q So, is it fair to say that in your evaluation of Dr.
- 19 Rivera-Mindt's raw data, you saw the same lack of effort in
- 20 her results as you saw in your own?
- 21 A I saw the same inconsistency in his performance on the
- 22 effort tests as I did in mine, yes.
- 23 Q Did Dr. Rivera-Mindt interpret the results of her testing
- 24 differently than you interpreted the results of the test that
- 25 you administered?

	T. Pennuto - Direct/Trowel 260
1	A She did.
2	Q Can you elaborate on that?
3	A Sure. She interpreted her test results with Mr. Bumagin
4	as being valid. She felt he did give good effort.
5	Q You mentioned earlier you used the phrase cutoff; is that
6	right?
7	A That's correct.
8	Q Were there tests in Dr. Rivera-Mindt's raw data where the
9	defendant fell below the cutoff?
10	A Yes.
11	Q Did you review her report?
12	A I did.
13	Q Did she nevertheless conclude that he gave sufficient
14	effort?
15	A Overall, she did.
16	Q Did you disagree with her analysis of the results of
17	those effort tests?
18	A I did.
19	Q How, if at all, is that disagreement about the results of
20	the effort tests relevant to your report or to the comparison
21	between the two reports?
22	A Can you repeat that question?
23	THE COURT: Why don't you read it back.
24	MR. TROWEL: May I withdraw it, your Honor?
25	THE COURT: Why don't you read it back first.

T. Pennuto - Direct/Trowel 261 1 (The question is read back.) 2 THE COURT: Why don't you withdraw the 3 question, put another one, and break it into two parts, that's 4 the problem. 5 MR. TROWEL: Thank you. Withdrawn. Q How is that disagreement relevant, if at all? 6 7 It is very relevant. Dr. Rivera-Mindt again felt that he was giving good effort, but then she was able to fully 8 9 interpret. She felt that she was able to fully interpret her 10 results, then diagnosed dementia. On the other hand, I felt 11 that he was giving inconsistent effort, which limits our 12 ability to say much about his cognitive functioning because of 13 the inconsistent effort. 14 And with respect to the cutoffs, is it fair to say that the cutoff applies every time the test is administered, that a 15 test that has a cutoff -- withdrawn. 16 17 THE COURT: You got to ask one question, not two. 18 It will help you. 19 MR. TROWEL: Thank you. 20 THE COURT: You're welcome. 21 BY MR. TROWEL: 22 You administered the -- you said earlier you administered Q 23 the WMS-IV Test, correct? 24 Α Correct. 25 Did Dr. Rivera-Mindt administer the WMS-IV Test, the same

T. Pennuto - Direct/Trowel 262 version of that test? 1 2 Α No, she did not. 3 Q What test did she administer? 4 Α She also administered the WMS-IV, but she used the older adult version. 5 Q When you say WMS-IV, is that the WMS-IV? 6 7 Α It is, yes. Was that notable to you that she used the older adult 8 9 test? 10 Α It was --Q 11 Why? 12 -- notable, because Mr. Bumagin was not currently in the 13 age range for that test that she administered. 14 Q Why is that significant, if all? Because that means that inappropriate norms were used to 15 16 score his results. 17 What is the possible result of that inappropriate norm, 18 in this case, if you know? 19 Well, because she used a test that would be used for 20 older adults. They would not be expected to perform as well, 21 which means that that it would actually -- it would actually 22 help his score. He would have performed better on that one. 23 Q Were there other tests administered by Dr. Rivera-Mindt 24 that you disagreed with?

There were other tests that I have concerns about.

T. Pennuto - Direct/Trowel 263

- 1 Q Can you give us an example of that? Give the court an
- 2 example?
- 3 A Sure. The Boston Naming Test was one of them.
- 4 Q Why were you concerned about the use of that test?
- 5 A That test in particular there's a lot of concern in the
- 6 | literature about the cultural bias in that test, even in other
- 7 | English-speaking countries, but particularly for those who
- 8 | speak English as a second language.
- 9 Q And what does the research say about the test, generally?
- 10 A It says that it may not be appropriate for use.
- 11 | Q Why is that, if you know?
- 12 A It unnecessarily penalizes the examinee for not being
- 13 able to name culturally biased items.
- 14 Q Is it fair to say that the defendant's performance on
- 15 | that would underestimate his true abilities?
- 16 A Yes.
- 17 | Q Did Dr. Rivera-Mindt administer the WAIS-III Test?
- 18 A She did administer two subtests from that.
- 19 | Q And was that a cause of concern for you?
- 20 A Well, I was surprised for one that a full intelligence
- 21 | measure was not used. She instead opted to use an abbreviated
- 22 | measure, which was the WASI.
- 23 Q When you say WASI, is that W-A-S-I?
- 24 A It is, which is an abbreviated measure includes four
- 25 | subtests. Instead of ten, then, she supplemented that with

T. Pennuto - Direct/Trowel 264 the processing speed, subtests, from the WASI-III, which is an 1 2 earlier version of an intelligence test, which is now in its 3 fourth edition. 4 () When you say earlier version, what do you mean? That means that a new version has come out. 5 Α Is it appropriate protocol to use a replaced version of a 6 Q 7 test? 8 Α Repeat that question, please. 9 THE COURT: Is it appropriate protocol to use a 10 replaced version of that test? 11 Or outdated version of the test. It is much more 12 appropriate to use the current version, and that test was 13 updated in 2008. 14 And Dr. Rivera-Mindt conducted her test in 2012; is that right? 15 16 That's my understanding, yes. Now, when you looked at the raw data that you received 17 18 from Dr. Rivera-Mindt, did you compare her test results 19 overall to your test results? 20 Α I did. 21 And I think you just mentioned this, but she conducted 22 her testing in May 20, 2012, as far as you know? 23 Α Correct. 24 Q When did you conduct your testing, generally?

25

Α

In March 2013.

	T. Pennuto - Direct/Trowel 265
1	Q Over that period between Dr. Rivera-Mindt's testing and
2	your testing, did the defendant's performance improve or
3	deteriorate?
4	A On some tests he performed more poorly, and on some tests
5	there was some improvement.
6	Q When you say on some tests there was some improvement,
7	can you describe that a little bit for us?
8	A Yes. There were some tests that were similar to the ones
9	that were given by Dr. Rivera-Mindt in which Mr. Bumagin
10	performed better on the tests that I administered.
11	Q Could you give an example to the court?
12	A Sure. Similarities subtests.
13	THE COURT: Would you spell that for the reporter
14	THE WITNESS: S-i-m-i-l-a-r-i-t-i-e-s, I believe.
15	Q Can describe what you saw, the results withdrawn.
16	Is that the test you administered?
17	A We both administered a similarity subtest.
18	Q What did you see in the results?
19	A He performed better, in my evaluation.
20	Q What does that test test for?
21	A Verbal abstract reasoning.
22	Q Could you draw any conclusions from the fact that he
23	improved on some tests over that period?
24	A I can. It could indicate that he was simply not giving
25	good effort with Dr. Rivera-Mindt, because if he was

	T. Pennuto - Cross/Dolan 266
1	performing at his optimal ability during her evaluation, he
2	wouldn't have shown improved abilities a year later.
3	Q Is an improvement in some tests consistent with the
4	dementia increasing in severity?
5	A Not usually, no.
6	Q You mentioned that there were some tests that were given
7	that were the same or roughly the same when Dr. Rivera-Mindt
8	gave them and you gave them, right?
9	A Correct.
10	Q Did you have any concerns about the practice effect?
11	A I didn't because of the time frame, and I gave alternate
12	versions when available.
13	MR. TROWEL: Nothing further, your Honor.
14	THE COURT: Your witness.
15	CROSS-EXAMINATION
16	BY MS. DOLAN:
17	Q Dr. Pennuto
18	A Yes?
19	Q I believe you testified that the overall results of the
20	Rivera-Mindt tests and Brauman tests and Butner tests,
21	generally speaking, were consistent across the board?
22	A Primarily Dr. Rivera-Mindt and Butner's psychological
23	results, yes.
24	Q Mr. Trowel asked you to say out loud three or four tests
25	that you had discrepancies with the second to last edition of

T. Pennuto - Redirect/Trowel 267 1 the current edition. How many tests did Dr. Rivera-Mindt 2 administer in total? 3 I'm not sure. Roughly about the same total I did, 15 or 4 SO. Q Let's count them? 5 Α 6 Okay. 7 Q Showing you what's in evidence as DX-7, page 7. 8 How much do you see on that page? 9 Α Six. 10 Q Page 8? Total of 18. 11 12 And, in fact, a number of those tests were the same ones Q 13 that you, yourself, administered, correct? 14 Α Several, yes. 15 THE COURT: You may continue. BY MS. DOLAN: 16 Do any of the tests administered by anyone have any 17 18 impact on the MRIs? 19 Α No. 20 MS. DOLAN: Nothing further. 21 THE COURT: Your witness. 22 REDIRECT EXAMINATION BY MR. TROWEL: 23 Dr. Pennuto, there came a time -- did there come a time 24 25 when consulted with Dr. Grant and provided the results of your

268 A. Correa - Direct/Trowel testing to her? 1 2 I did. 3 MS. DOLAN: Beyond the scope. 4 THE COURT: It's sustained. BY MR. TROWEL: 5 Is it possible, Dr. Pennuto, for an individual who has 6 Q 7 dementia to become competent? 8 Α Yes. 9 MS. DOLAN: Beyond the scope. 10 THE COURT: Sustained. 11 MR. TROWEL: Nothing further, your Honor. 12 THE COURT: Any further questions? 13 MS. DOLAN: No, I don't think so. Everything was 14 sustained. 15 THE COURT: It was. I'm just asking if you 16 have any further questions. 17 MS. DOLAN: No. Thank you. 18 THE COURT: All right. You may step down. 19 Next witness, please. 20 MR. TROWEL: The government calls Dr. Amor 21 Correa. A M O R CORREA, 22 called as a witness, having been first duly 23 sworn, 24 testifies as follows: 25 Doctor, good afternoon, almost good THE COURT:

269 A. Correa - Direct/Trowel 1 evening. Please be seated. 2 Please state your name clearly into this 3 microphone and spell it for the record, then counsel will have 4 some questions for you. I am Dr. Amor Correa. First name THE WITNESS: 5 6 My last name is C-o-r-r-e-a is A-m-o-r. 7 THE COURT: You may proceed. MR. TROWEL: Thank you, your Honor. 8 9 DIRECT EXAMINATION BY MR. TROWEL: 10 Good afternoon, Dr. Correa. 11 Q 12 Α Good afternoon. 13 Q Where do you work? 14 I'm currently employed as a staff psychologist at MDC Brooklyn. 15 And what is your title there? I'm sorry, you just said 16 17 that, withdrawn. 18 How long have you worked at MDC Brooklyn? 19 Α I have worked there since September of 2013. 20 And before you worked at MDC Brooklyn, where did you Q 21 work? 22 I was a predoctoral psychology intern at FMC Butner. Α 23 Q What were your responsibilities at FMC Butner? 24 At Butner I had several different responsibilities. Ι 25 conducted therapy with inmates in the general population.

A. Correa - Direct/Trowel

- 1 of my primary duties was to also conduct forensic evaluations.
- 2 Q And approximately how many forensic evaluations did you
- 3 participate in?
- 4 A At FMC Butner, I participated in approximately 16.
- 5 Q And did you participate in any forensic evaluations at
- 6 other institutions?
- 7 A Yes, I also conducted forensic evaluations at FMS
- 8 | Carswell in Ft. Worth, Texas.
- 9 Q What was your role in those evaluations?
- 10 A At Butner, I H two different types of roles. I was the
- 11 | secondary evaluator in some of the evaluations, which means
- 12 | that I was responsible for conducting psychological testing,
- 13 | and interpreting and writing up those test results. And in
- 14 | some cases I was the primary evaluator, where I had the same
- 15 | responsibilities that I just mentioned; and, in addition, I
- 16 | conducted collateral interviews, reviewed the entirety of the
- 17 | records that were relevant to each case, and drafted the
- 18 | majority of the report.
- 19 | Q Have you ever been qualified as an expert in federal
- 20 | court?
- 21 A Yes.
- 22 | Q How many times?
- 23 A Three times.
- 24 Q Do you recall what courts?
- 25 A Yes, Beumont, Texas; San Diego, California; and

A. Correa - Direct/Trowel 271 Jacksonville, Florida. 1 2 Those were all federal courts? Q 3 Α Yes. 4 Q Are you currently licensed? No. 5 Α 6 Q Why not? 7 I am in my first post-doctoral year, and generally people 8 spend that year accumulating hours, still under the 9 supervision of licensed psychologists before they, themselves, 10 can be licensed, and they also take the licensing exam. 11 Q Did you participate in the evaluation of Mr. Bumagin? 12 Yes, I did. Α 13 Q What role did you play in that evaluation? 14 Α I was the secondary evaluator, so I conducted and scored 15 some of the tests. 16 Did you convey the results of the tests to Dr. Pennuto? Q 17 Α Yes. 18 Q And did you convey them to Dr. Grant as well? Yes. 19 Α 20 Were you aware of Dr. Grant's conclusions in this case? Q 21 Α Yes. 22 Her final opinion, rather? Q 23 Α Yes. 24 Q What was it, if you know? 25 She determined that he was competent to stand trial. Α

A. Correa - Direct/Trowel 272 1 Q Did you agree with that conclusion? 2 Α Yes. 3 Q Do you have an opinion about the defendant's competency, 4 as he sits here today? 5 Α Currently, no. Q Why not? 6 7 It's been more than a year since I evaluated him. Α Why is that relevant? 8 Q 9 Because competency is a fluid issue, that is, it can Α 10 change even up to a daily basis. It very much depends on the 11 point in time when the competency -- let me go back. 12 It depends on the actual point in time that we 13 are talking about. So someone's competency can be different 14 now from the date of the evaluation. 15 THE COURT: Have you ever seen a patient whom 16 you considered to be incompetent today, incompetent tomorrow, 17 incompetent forever? 18 THE WITNESS: That is a possibility. 19 THE COURT: Have you ever seen such a patient? 20 THE WITNESS: I don't know that I ever evaluated --21 THE COURT: Have you ever seen such a patient? 22 THE WITNESS: Yes. 23 THE COURT: What are the criteria by which you 24 would say the patient is not competent today, will not be 25 competent tomorrow, will never be competent, assuming the

273 A. Correa - Direct/Trowel 1 patient is not dead? 2 It's possible for somebody to be found not 3 competent and not restorable. 4 THE COURT: Let me stop you right there. 5 Have you ever seen such a person? 6 THE WITNESS: Yes. 7 THE COURT: What does that look like when you 8 see it? 9 THE WITNESS: All right. Typically that person will 10 have been through already one initial competency evaluation, 11 and in the federal system would have been referred to -- would 12 have been referred for a second competency evaluation, which 13 includes the restoration period. Some individuals undergo a 14 third competency and restoration period, and if at that point they are determined for whatever the particulars of their case 15 16 should be, to be found not competent and not restorable, then 17 they go into a different stage where there's a separate 18 evaluation that is conducted whether that person should be 19 civilly committed. 20 Now, you have seen such people? THE COURT: 21 THE WITNESS: Yes. 22 THE COURT: Okay. Go ahead. 23 BY MR. TROWEL: 24 Q You said earlier that you participated or that you administered testing to the defendant; is that right? 25

274 A. Correa - Direct/Trowel Yes. 1 Α 2 How many times did you meet with him? Q 3 Α I met him on two occasions formally. For how long each time? 4 () Let's see. I don't know how long each session was, but I 5 6 met with him for a total of three and a half hours for 7 testing. 8 And you were supervised by Dr. Pennuto at that time, 9 correct? 10 Α Yes. 11 Q But when you administered the tests, were you alone with 12 Mr. Bumagin? 13 Α Yes. 14 Why is that? 15 That is because there's literature and lot of research 16 that shows that having a third person, or any additional people, in a testing room can affect and change how somebody 17 18 performs on the test in question, especially for cognitive tests. 19 20 In addition to the testing sessions that you had with the 21 defendant, did you interact with him in less formal settings? 22 Α Yes. 23 Q Can you describe those for the court? 24 I would see him in the hallways, sometimes, say hello and 25 greet him briefly.